

SPECIFICATION AMENDMENTS

Please amend the title appearing in the first line on page 1 as follows.

LIQUID DRIVEN CENTRIFUGAL SEPARATION APPARATUS AND OPEN VESSEL ROTOR THEREFOR WITH IMPROVED EFFICIENCY

Please amend the paragraph beginning at line 5 on page 9 as follows.

To effect such rotation, the separation apparatus 110 includes fluid motor means, indicated shown generally at 170 in Figure 1. The rotor comprises a plurality of motor impeller vanes 172₁, 172₂, ... 172_i, where i=11 in this example, arrayed about the rotation axis, each vane extending from at least one of the divider wall and sleeve towards the other across the mouth of the inlet region and for at least a short distance in the direction of the rotation axis, in order to receive a free jet of drive fluid thereagainst from one or more complementary nozzles carried by the base, whereby the vanes, in reaction to drive fluid impingement, impart rotation of the rotor as the fluid is deflected thereby, spent of some of its energy.

Please amend the paragraph beginning at line 17 on page 10 as follows.

The collection impeller means 180 may be structurally separate from the motor impeller means [[170]] but in this embodiment, is integrated with, and considered in part to function as, a distributed motor impeller means. For this reason it is appropriate to refer to the dual function impeller vanes simply as "impeller vanes".